

Typicals and Figure

for

Wire Mesh Items

(Items 225.1, 670.0531, 670.0532)

Rock Bolt, Type 1-A or 1-B
(Grouted) Item No. 225.1

Ledge Line

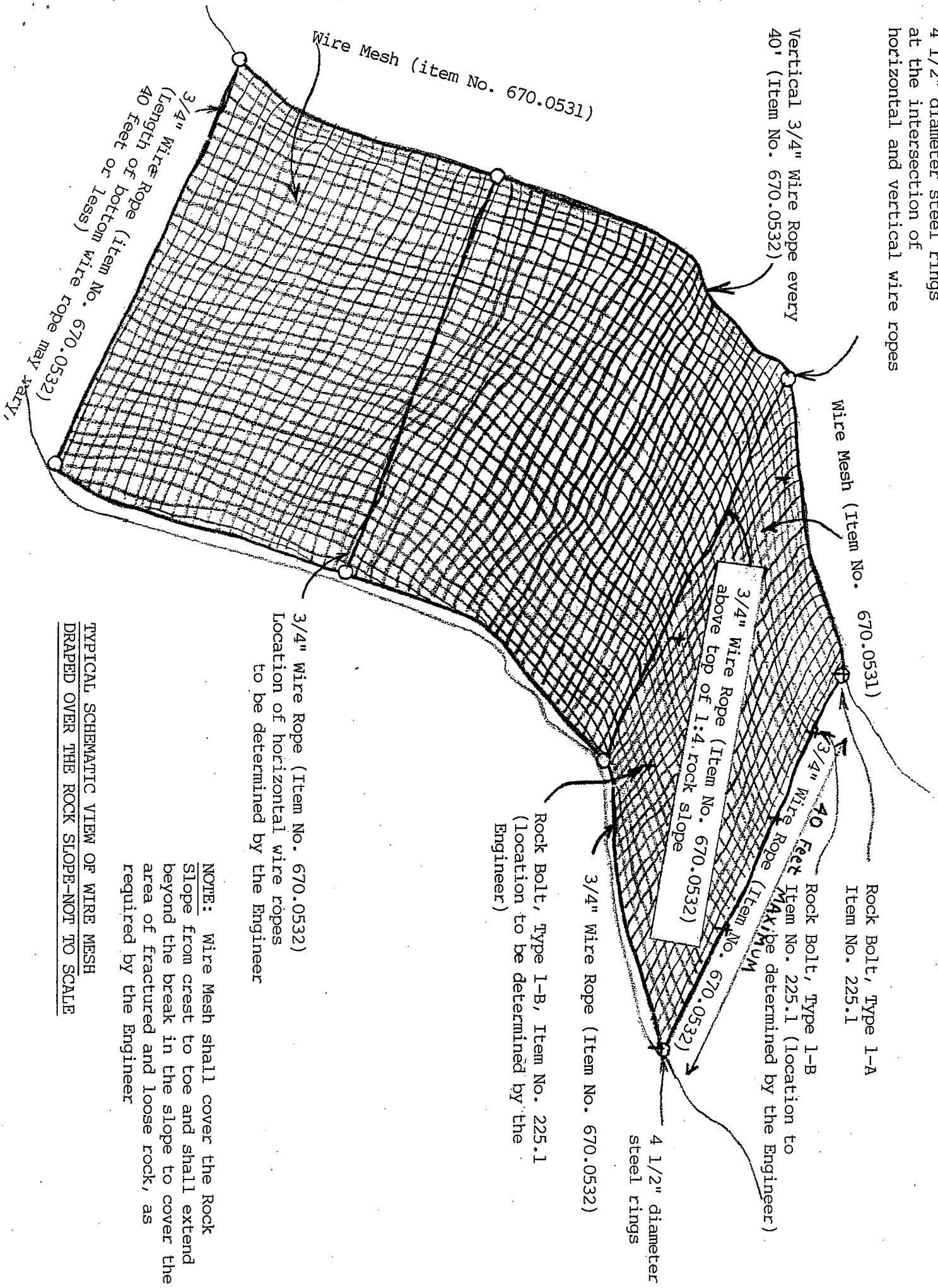
Exposed Bedrock

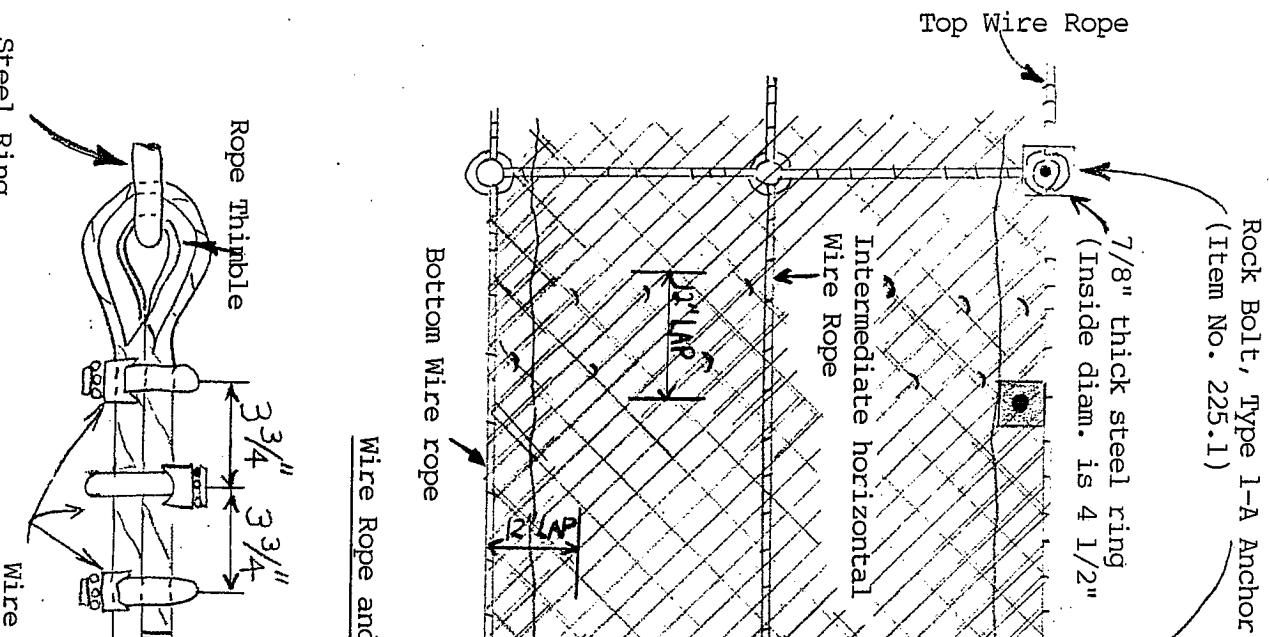
Wire Mesh (Item No. 670.0531)
freely draped

TYPICAL SECTION OF ROCK CUT
Wire Mesh- No Scale

Wire Mesh open at toe of rock slope

4 1/2" diameter steel rings
at the intersection of
horizontal and vertical wire ropes





Wire Mesh
Fasteners

Rock Bolt, Type 1-B Anchor
Item No. 225.1) Locations
to be determined by the Engineer

Fasten horizontal lap by
continuously weaving with
tie (lacing) wire.

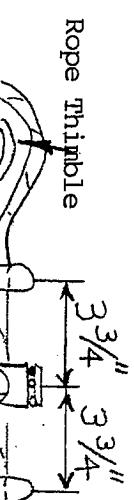
Length may vary

Fasten Mesh to vertical wire ropes
by continuously weaving with tie
(lacing) wire.

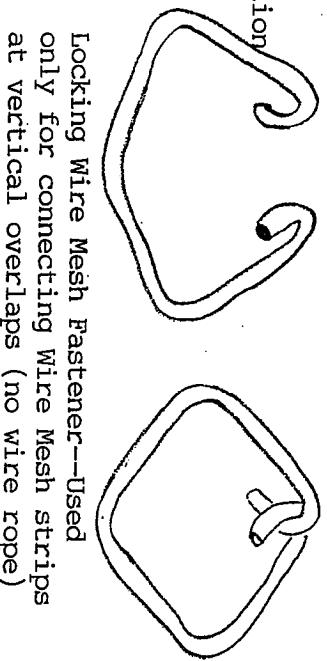
Bottom Wire rope

Wire Rope and Mesh Details

Wire diameter
0.0866 inches



Note: Wire Rope connection
subsidiary to Item
No. 670.0532



Locking Wire Mesh Fastener—Used
only for connecting Wire Mesh strips
at vertical overlaps (no wire rope)

Steel Ring

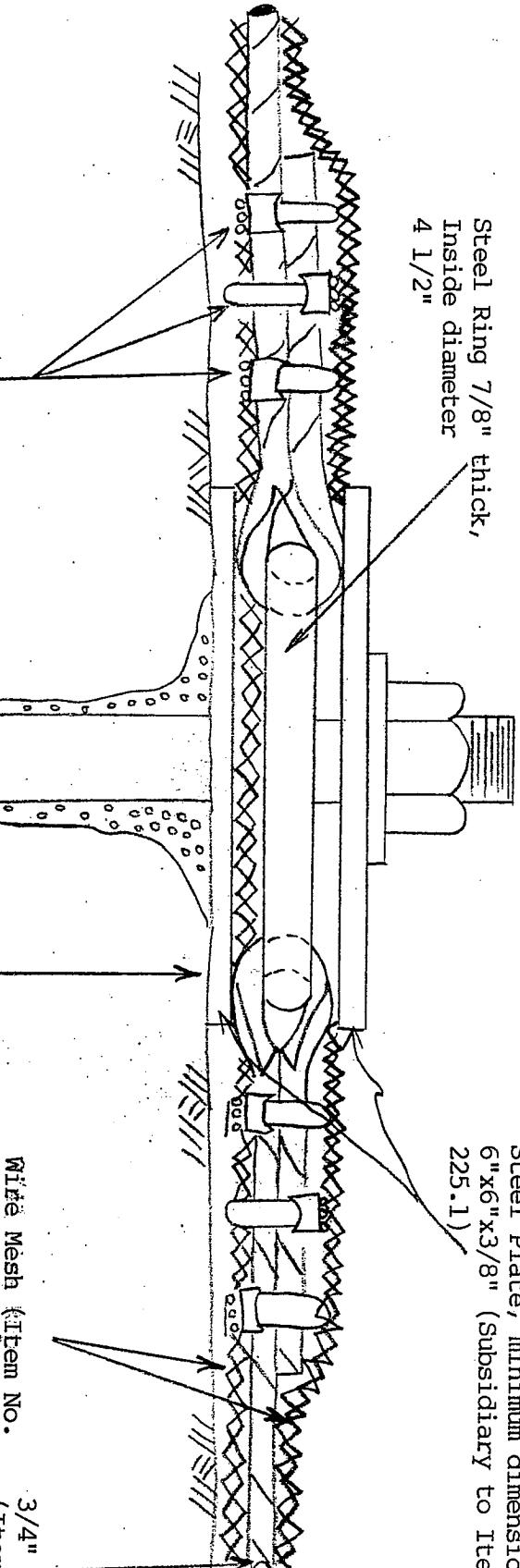
Wire Mesh Slope Protection

Note: The Contractor may provide two twin base
cable clips at 3 inch center in lieu of
the three U-bolt type cable clips as shown

Type 1-A Rock Bolt, Grouted (Item No. 225.1)

Steel Plate, minimum dimensions
6" x 6" x 3/8" (Subsidiary to Item No.
225.1)

Steel Ring 7/8" thick,
Inside diameter
4 1/2"



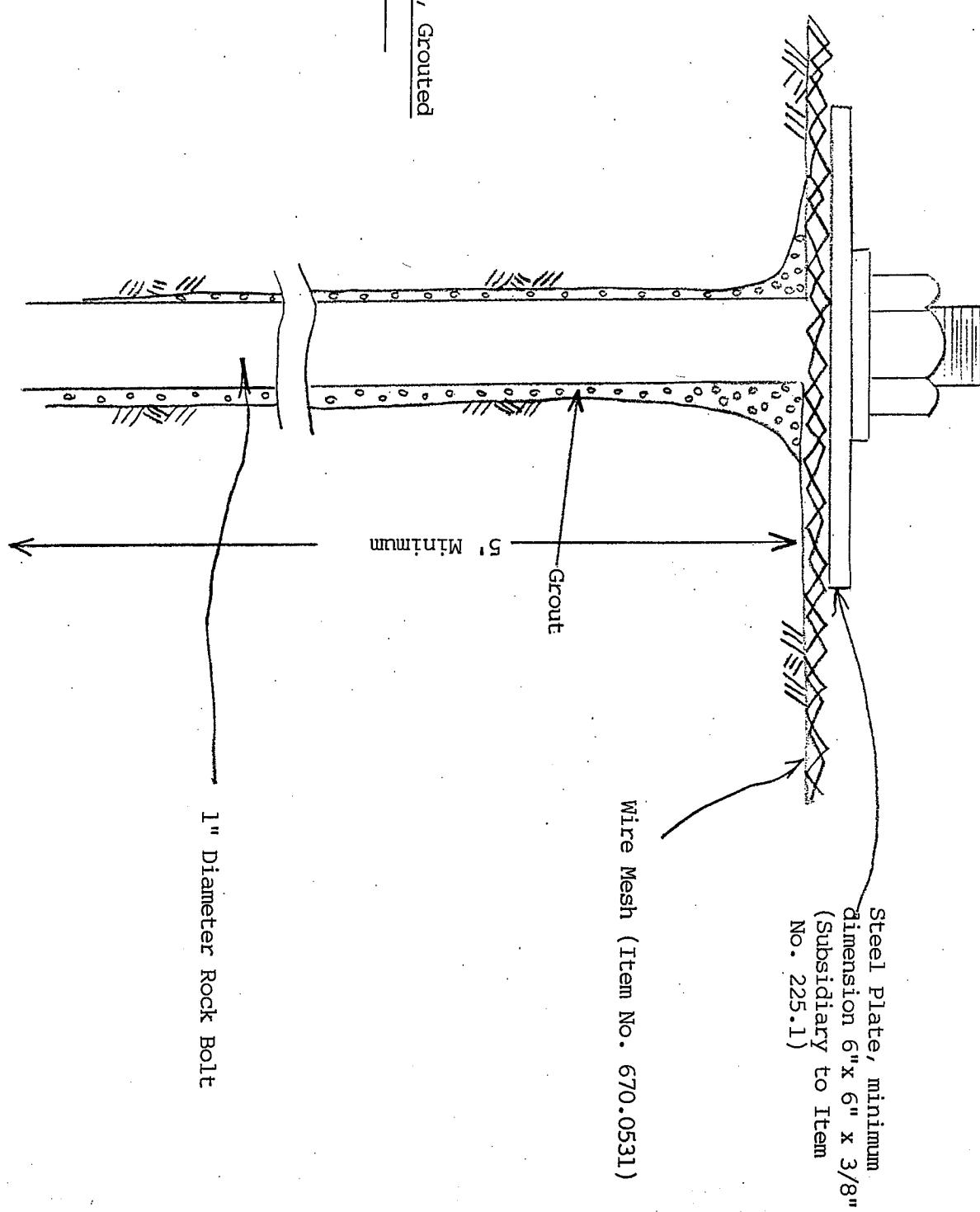
Clips (Subsidiary to Item
No. 670.0532)

Wire Mesh (Item No.
670.0531) 3/4" Wire Rope
(Item No. 670.0532)

NOT DRAWN TO SCALE

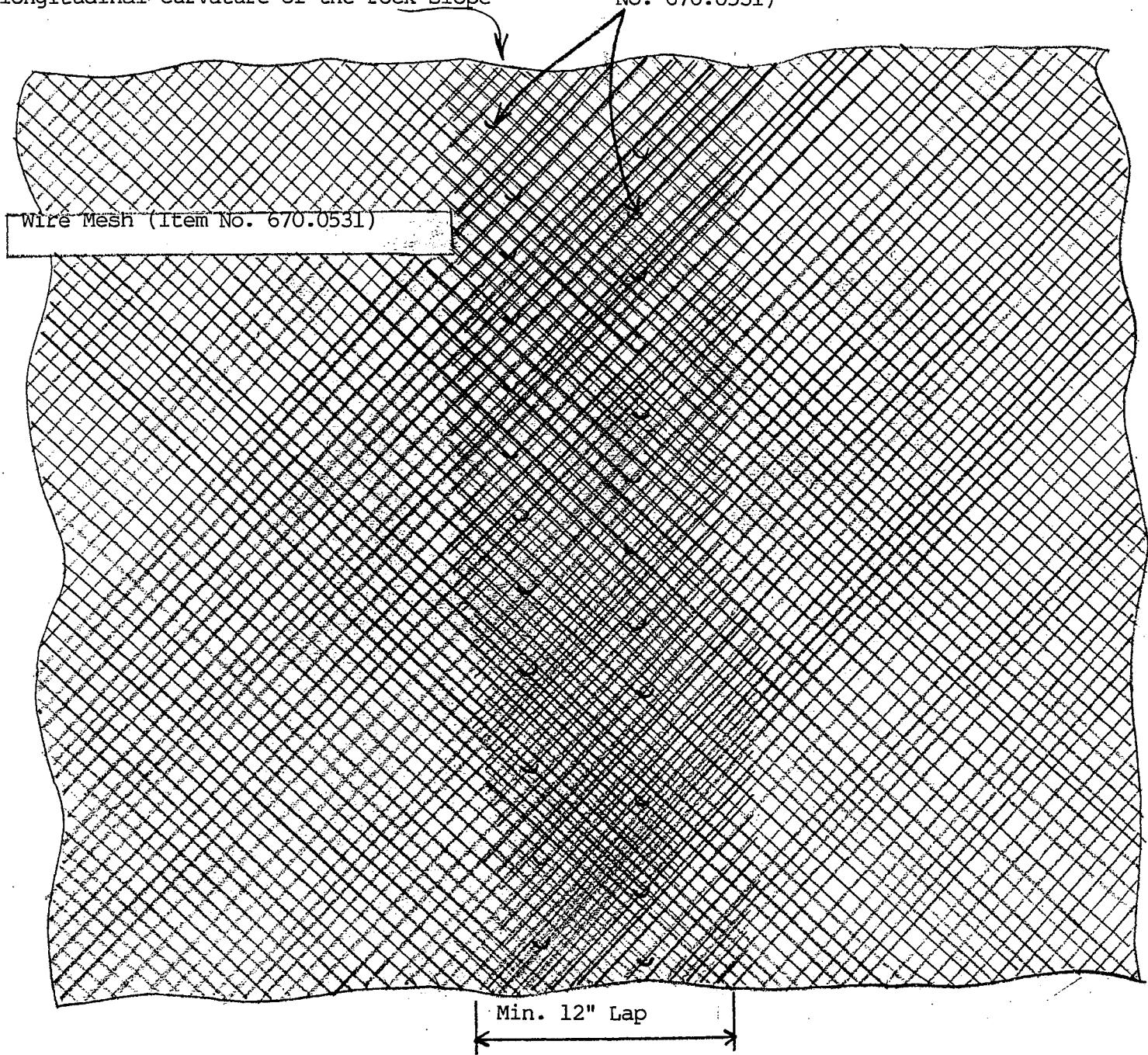
1" Diameter Rock Bolt

5 Feet Min.



Overlap may be more than 12" due to
longitudinal curvature of the rock slope

Wire Mesh Fasteners-4.5" staggered
vertical spacing (subsidiary to Item
No. 670.0531)

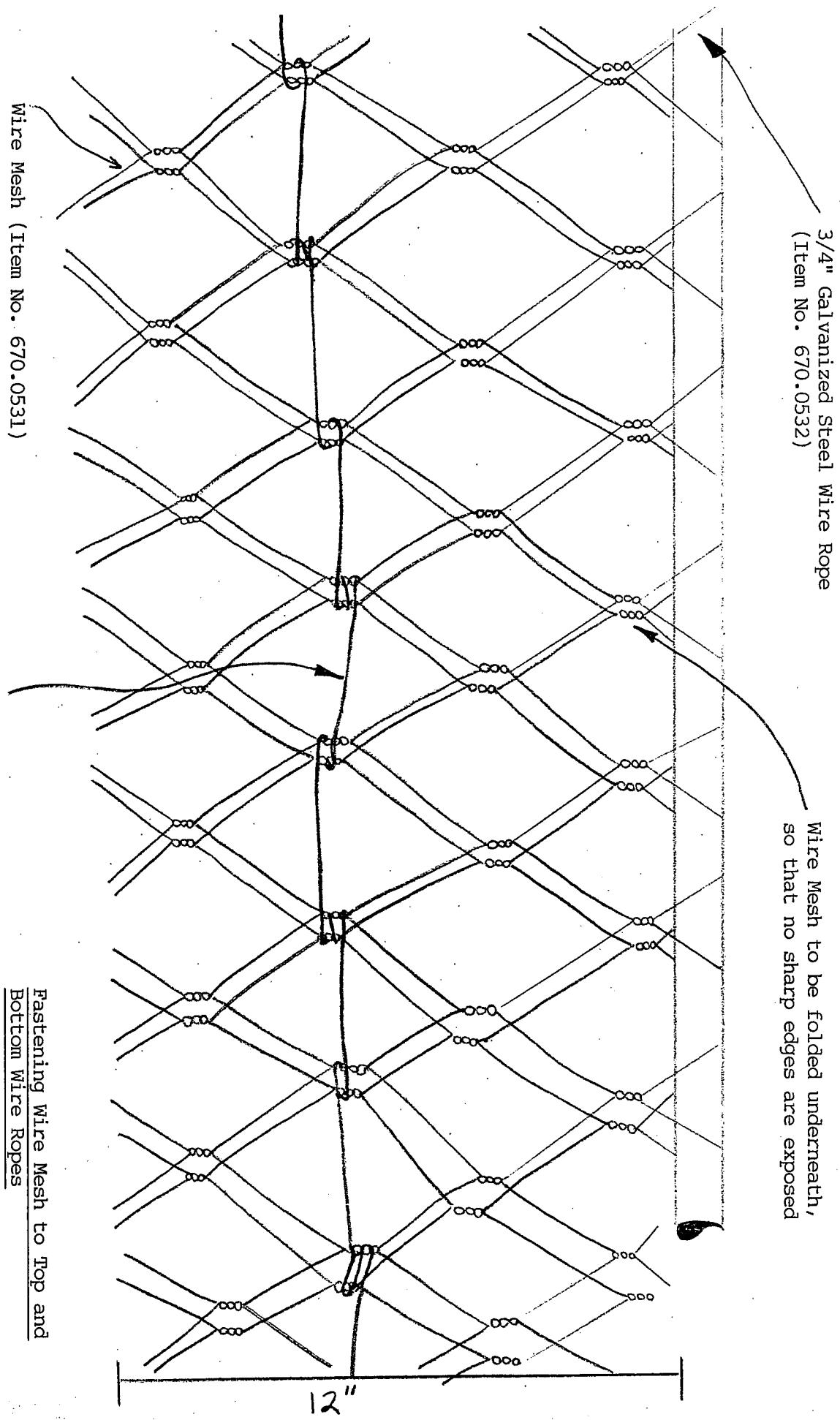


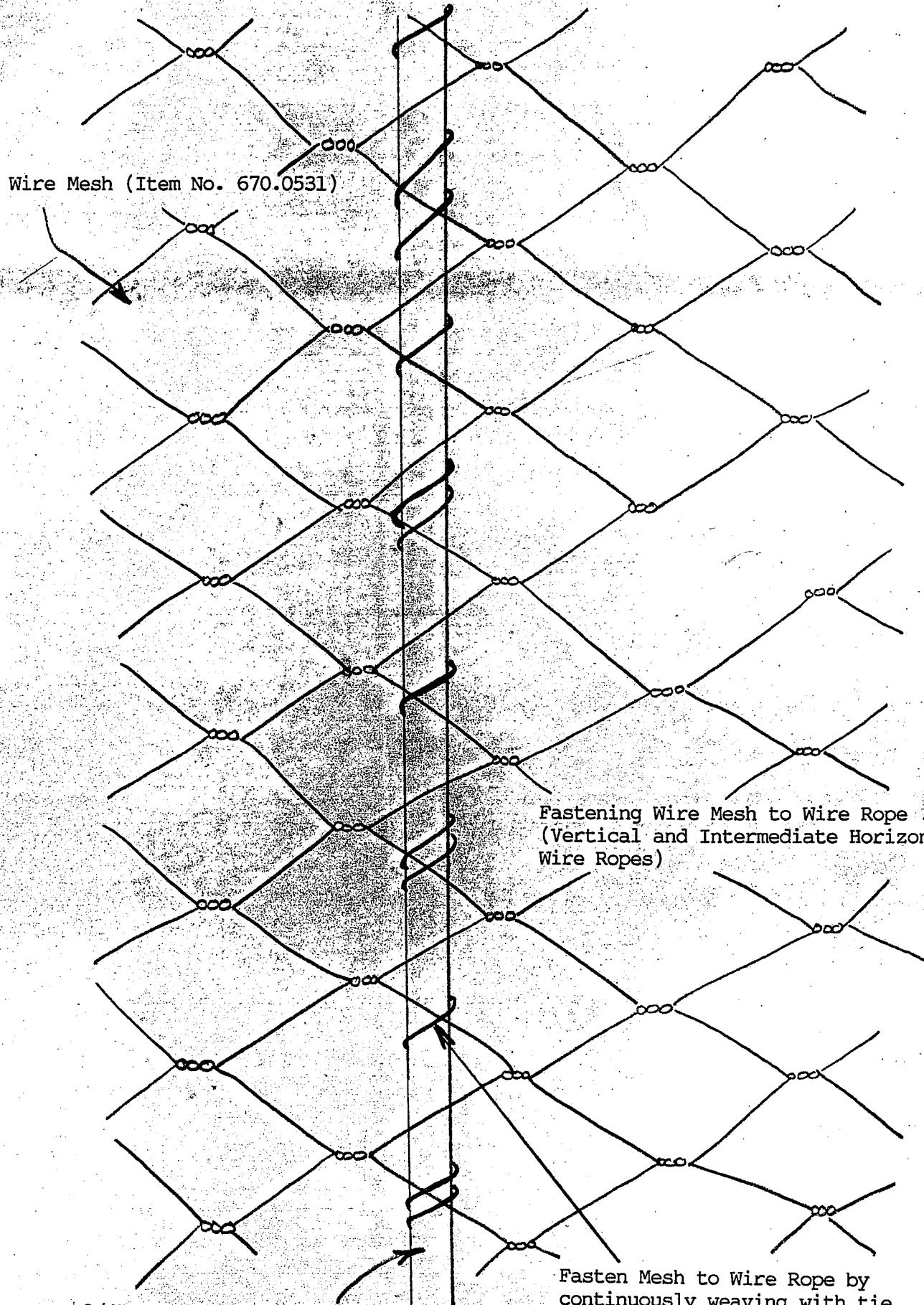
Galvanized hexagonal double twisted steel wire
mesh, joining of adjacent wire mesh strips

Wire Mesh (Item No. 670.0531)

Fastening Wire Mesh to Top and
Bottom Wire Ropes

Fasten horizontal lap by continuously
weaving with tie wire (lacing wire)
with 0.0866 inch, galvanized wire
(Subsidiary to Item No. 670.0531)





Wire Mesh (Item No. 670.0531)

Fastening Wire Mesh to Wire Rope
(Vertical and Intermediate Horizontal
Wire Ropes)

3/4" Galvanized Steel Wire Rope
(Item No. 670.0532)

Fasten Mesh to Wire Rope by
continuously weaving with tie
wire (lacing wire), 0.0866 inch
in diameter (Subsidiary to Item No.
670.0531)

WIRE MESH FASTENERS -
4 1/2 INCH STAGGERED
VERTICAL SPACING
(SUBSIDARY TO ITEM
NO. 670-0531)

GALVANIZED STEEL HOG RINGS

